

Patent Claims:

- Add A1
1. Pneumatic brake force booster for automotive vehicles which includes a booster housing whose interior is subdivided by a movable wall into a first chamber (vacuum chamber) and a second chamber (working chamber), and a control housing accommodating a control valve which controls a pneumatic pressure differential that acts upon the movable wall, the said control valve having at least two sealing seats which cooperate with an elastic valve member, one of the sealing seats being operable by an actuating rod, on the one hand, and by an electromagnet independently of the actuating rod, on the other hand, wherein a cable duct is hermetically sealed in the booster housing through which electric lines extend into the interior of the booster housing, characterized in that the cable duct (7) is configured as an injection molded plastic part inside which the electric lines (18, 19) are partly insulated.
  2. Brake force booster as claimed in claim 1, characterized in that the electric lines (18, 19) are tin-plated in their insulated portion (21, 22).
  3. Brake force booster as claimed in claim 1 or claim 2, characterized in that the electric lines (18, 19) are fitted to a retaining member (23) which has a star-like configuration in cross-section, and the cable duct (7) is provided by plastic lamination of the retaining member (23) with the lines (18, 19).

4. Brake force booster as claimed in any one of the preceding claims,  
c h a r a c t e r i z e d in that the cable duct (7) has a radial extension (17) which bears against the booster housing (1) and on which a retaining clip (24) is provided to position the electric lines (18, 19 or 25, respectively).
5. Brake force booster as claimed in any one of the preceding claims,  
c h a r a c t e r i z e d in that the cable duct (7) has an anti-torsion mechanism.
6. Brake force booster as claimed in claim 5,  
c h a r a c t e r i z e d in that the cable duct (7), on the side of the extension (17) close to the booster housing (1), includes a projection which engages into a recess provided in the booster housing (1).